

## Message Text

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PAGE 01 RIO DE 03321 251940Z  
ACTION AID-31

INFO OCT-01 ISO-00 DODE-00 EB-08 PM-05 CIAE-00 INR-10  
NSAE-00 L-03 CG-00 DOTE-00 /058 W  
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P R 251841Z JUL 78  
FM AMCONSUL RIO DE JANEIRO  
TO SECSTATE WASHDC PRIORITY 6509  
INFO AMEMBASSY BRASILIA  
AMCONSUL SAO PAULO  
USDAO BRASILIA

UNCLAS RIO DE JANEIRO 3321

E.O. 11652: N/A  
TAGS: EAID, EWWT, BR  
SUBJECT: REIMBURSABLE DEVELOPMENT PROGRAM: LORAN-C NAVIGATION  
SYSTEM FOR BRAZIL

REF.: (A) STATE 149059  
(B) STATE 043444  
(C) BRASILIA 3194

1. IN RESPONSE TO REF A ASSISTANT NAVAL ATTACHE (ANATT)  
HAD TWO FOLLOW-ON MEETINGS WITH BRAZILIAN NAVY CONCERNING  
LORAN-C NAVIGATION PROGRAM. DURING MEETINGS, ADMIRAL  
ROBERTO CAVALCANTI ANDERSEN, COMMANDER OF NAVAL  
OPERATIONS AND DIRECTOR OF NAVIGATION, EXPRESSED A  
DEFINITE INTEREST IN USCG BRIEFING ON THE LORAN-C  
NAVIGATION SYSTEM. AT SAME TIME, CDR. ANTONIO CARLOS,  
ACTING CHIEF OF STAFF, NAVIGATION DIRECTORATE,  
STRESSED THAT BRIEFING WAS REQUESTED ON A NON-OBLIGATORY  
BASIS. ANATT BELIEVES, HOWEVER, THAT THERE IS A  
"REASONABLE EXPECTATION THAT THE BRAZILIAN GOVERNMENT  
MIGHT PURCHASE THE LORAN-C SYSTEM AND RELATED SERVICES  
AND THAT THE U.S. GOVERNMENT WOULD BE INVOLVED IN THE  
PROJECT AS EITHER A SOURCE OR CHANNEL FOR REQUISITE  
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GOODS OR SERVICES." (REF. B)

2. DURING MEETINGS, SOURCES REVEALED THAT BRAZILIAN  
NAVY IS IN THE INITIAL STAGES OF A STUDY TO EVALUATE  
SEVERAL NAVIGATIONAL SYSTEMS FOR POSSIBLE USE IN BOTH  
CIVILIAN AND MILITARY MARITIME SECTORS (I.E., OMEGA,  
DECCA, LORAN-C). IN THAT CONTEXT, RIO DE JANEIRO

OFFICE OF ITT HAS ALREADY APPROACHED THE BRAZILIAN NAVY WITH OFFERS FOR BOTH THE DECCA AND LORAN-C SYSTEMS. CDR. CARLOS ALSO REVEALED THAT NAVIGATION DIRECTORATE WAS "LEANING" TOWARD THE DECCA SYSTEM. CARLOS CITED THREE REASONS FOR PREFERENCE: ITT ENDORSED DECCA SYSTEM AS THE BEST; DECCA HAS LOWER OVERALL COST, WITH APPROXIMATELY THE SAME SPACE/DISTANCE/ACCURACY UTILITY CAPABILITIES AS OTHER SYSTEMS; DECCA WAS CONSIDERED TO BE WORLDWIDE AND COVERED AT LEAST "90-0/0 OF THOSE WATERS TRANSITED BY BRAZILIAN NAVAL UNITS," (WITH IMPLICATION THAT LORAN-C WAS IN USE IN LIMITED GEOGRAPHICAL AREAS AND EMPLOYED ALMOST EXCLUSIVELY BY U.S. NAVAL AND MERCHANT UNITS).

3. SINCE THE BRAZILIAN NAVY IS INTERESTED IN DISCUSSING THE TECHNICAL DETAILS OF THE LORAN-C SYSTEM WITH A "NEUTRAL" (I.E., NON-COMMERCIAL) NAVIGATIONAL EXPERT, LORAN-C BRIEFING BY A COAST GUARD OFFICIAL WOULD BE VERY USEFUL. CDR. CARLOS, APPEARED TO HAVE A MARKED PREFERENCE FOR SYSTEM APPRAISAL THROUGH USG, AS OPPOSED TO COMMERCIAL CHANNELS.

4. BECAUSE OF NUMEROUS BRAZILIAN NAVAL ACTIVITIES IN AUGUST, IT WOULD BE PREFERABLE TO PROGRAM USCG PRESENTATION FOR EARLY SEPTEMBER. BRAZILIAN NAVY UNCLASSIFIED

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WOULD LIKE TO KNOW WHAT IS NEEDED FOR LOGISTIC SUPPORT OF USCG BRIEFING TEAM (I.E., POWER SOURCES FOR STATIC EQUIPMENT DISPLAYS, AUDIO/VISUAL AIDS REQUIRED, ANTICIPATED BRIEFING TEAM COMPOSITION, LENGTH OF STAY/PRESENTATION, ETC.).  
DEXTER

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## Message Attributes

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**Concepts:** DEVELOPMENT PROGRAMS, LOANS  
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**Disposition Approved on Date:**  
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**Disposition Comment:**  
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